



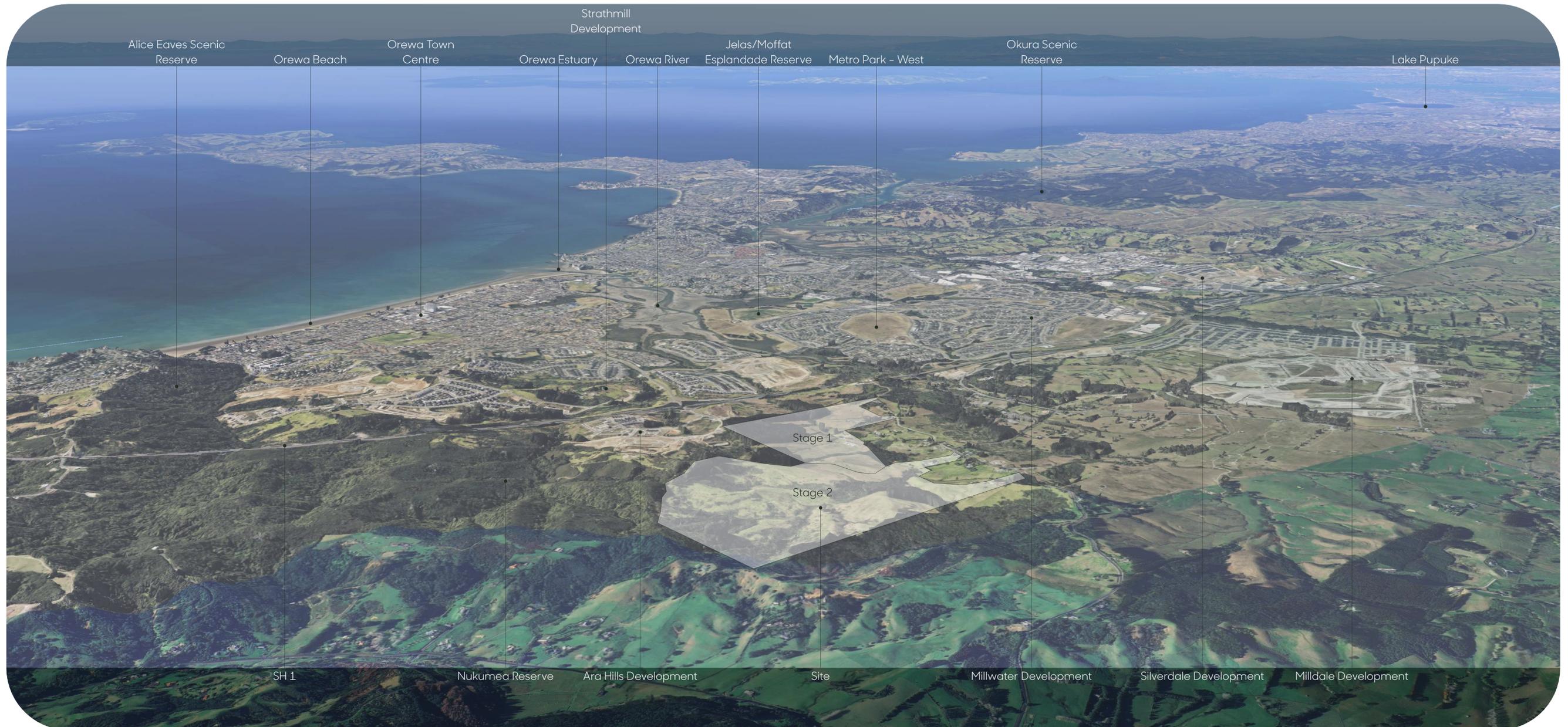
Fast Track Application Landscape Package for

Vineway Limited

Delmore - 53A, 53B & 55 Russell Road (Stage 1) and
88, 130 & 132 Upper Ōrewa Road (Stage 2),
Wainui, Auckland

| Drawing Number: | Drawing Description: | Drawing Issue Date: | Drawing Number: | Drawing Description: | Drawing Issue Date: |
|-----------------|------------------------------------------------|---------------------|-----------------|-----------------------------------------------|---------------------|
| 2535/01 | - Site Context & Local Character | 19/12/2025 | 2535/14 | - Lot Plant Palette 2 | 19/12/2025 |
| 2535/02 | - General Arrangement Landscape Plan | 19/12/2025 | 2535/14B | - Lot Plant Palette 3 | 19/12/2025 |
| 2535/03 | - Open Space Design Strategy | 19/12/2025 | 2535/15 | - Lot Hardscape Schedule & Hardscape Palette | 19/12/2025 |
| 2535/04 | - Street Tree Plan 1 (Stage 2) | 19/12/2025 | 2535/16 | - Lot Fencing Schedule & Fencing Palette 1 | 19/12/2025 |
| 2535/05 | - Street Tree Plan 2 (Stage 1 & 2) | 19/12/2025 | 2535/17 | - Lot Fencing Schedule & Fencing Palette 2 | 19/12/2025 |
| 2535/06 | - Street Tree Plan 3 (Stage 1) | 19/12/2025 | 2535/18 | - Typical Retaining Wall Sections | 19/12/2025 |
| 2535/07 | - Revegetation Plan 1 (Stage 2) | 19/12/2025 | 2535/19-26 | - Stage 1 Lot Design Landscape Plan Part 1-8 | 19/12/2025 |
| 2535/08 | - Revegetation Plan 2 (Stage 1 & 2) | 19/12/2025 | 2535/27-40 | - Stage 2 Lot Design Landscape Plan Part 1-14 | 19/12/2025 |
| 2535/09 | - Revegetation Plan 3 (Stage 1) | 19/12/2025 | 2535/41 | - Planting Details 1 | 19/12/2025 |
| 2535/10 | - Revegetation Plant Palette 1 | 19/12/2025 | 2535/42 | - Planting Details 2 | 19/12/2025 |
| 2535/11 | - Revegetation Plant Palette 2 | 19/12/2025 | | | |
| 2535/12 | - Private Lot and Revegetation Design Strategy | 19/12/2025 | | | |
| 2535/13 | - Lot Planting Schedule & Plant Palette 1 | 19/12/2025 | | | |

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View from Russell Road looking towards north from southeast corner of the site



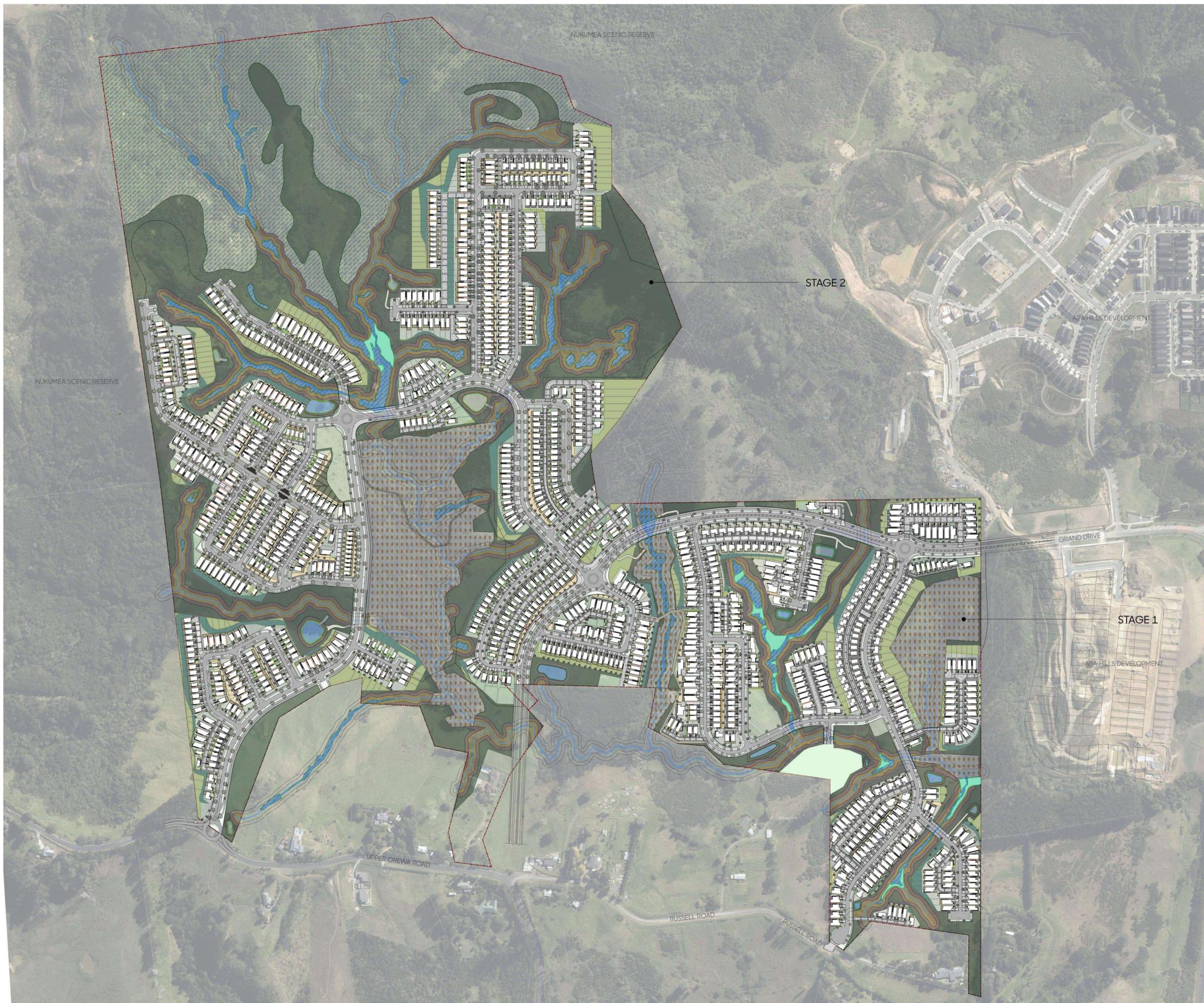
View from Upper Orewa Road looking towards north from the southwest corner of the site



3D view looking towards southeast of the site from northwest



3D view looking towards west of the site from east



Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/02 General Arrangement Landscape Plan



Scale
1:3000@A1
1:6000@A3

Issue Date
19/12/2025
Issue
RC REV A

Drawn
TX/MP
Checked
MB



LANDSCAPE DESIGN STRATEGY

The site is currently rural in character, spanning across a scenic rolling landform with pockets of native bush, streams and wetlands. These natural assets give the site a unique natural character. Maintaining and enhancing this character has been a key driver throughout the design process. This approach has been balanced with integrating a new community into the landscape which will have the opportunity to live amongst and enjoy this unique environment that will continue to evolve and establish around them. We believe maintaining and enhancing the site's natural character has been achieved through considered and appropriate treatments in three main areas which will form the basis of the landscape design approach summary;

- The street tree and public space design of public roads and parks to be vested to Auckland Council.
- The design of native revegetation, stormwater ponds and natural riparian margins to be held in perpetuity by a Residential Society.
- The design of the residential lots and common access ways to be held in private ownership.

STREETSCAPE AND OPEN SPACE DESIGN STRATEGY

The street tree and public space design of the proposed public roads and parks is intended to reflect the natural vegetation found on the site historically, prior to its transition to farmland. The proposed tree selection balances the need for tree species that will perform well in an urban environment (i.e have suitable form and scale when planted as street trees), and trees that represent the historical ecosystem. The historical ecosystem type of the majority of the site is WF11, which is described as kauri, podocarp (evergreen trees that don't lose their leaves) and broadleaf (fruit-bearing trees with large flat leaves) forest. We believe some tree species that fit into this ecosystem are appropriate to be used as street trees on the site and some are not.

With these factors considered, we have proposed a range of species for the road network that we believe are appropriate; and also comply with Auckland Council standards. The Auckland Council urban forest strategy also calls for a diverse range of species to guard against pest and diseases. We believe a diverse range of species has been provided for. These select species will also provide aesthetic beauty and structure, as consistent species are proposed to form avenues of street trees (which aside from the visual amenity and character these trees bring, will enhance wayfinding throughout the neighbourhood and bring a strong sense of place and identity to local streets).

The mature height and width of proposed street trees have been considered, with a hierarchy of mature sizes specified to a correlating hierarchy of road and berm widths. Where possible, broadleaved trees have also been specified in streets that follow gullies, to reflect their natural habitat. A minimum front berm width of 2.2m is provided throughout the site (measured from the road carriageway to the footpath). The proposed berm widths provide sufficient space for medium to large trees to grow, thereby facilitating 12-15% tree canopy closure within the road corridors, in alignment with Auckland Transport's sustainability requirements and Auckland Councils Urban Ngahere Strategy. A minimum berm width of 2.2m along with the spacing range of 9-20m for street trees on all roads proposed to be vested ensures that each tree has access to at least 10-15m³ of soil to support healthy growth in accordance with the TDM Engineering Design Code for soiling and for planting proposed in road reserves.

Public parks are proposed to be vested to Auckland Council in both Stage 1 and 2. All parks are fronted by roads on at least two sides, whilst remaining edge interfaces with either native revegetation or residential lots (with low fencing proposed on all dwelling lots along the common boundary with a public park). This is to ensure passive surveillance towards the reserve can be observed by residents. Low planting is proposed alongside these interfaces; both to create a vegetative buffer and to delineate private and public areas. Retaining walls adjacent to public parks are avoided where possible, however where retaining is explicitly required it is proposed to be below 1m in height and will be screened by shrub planting.

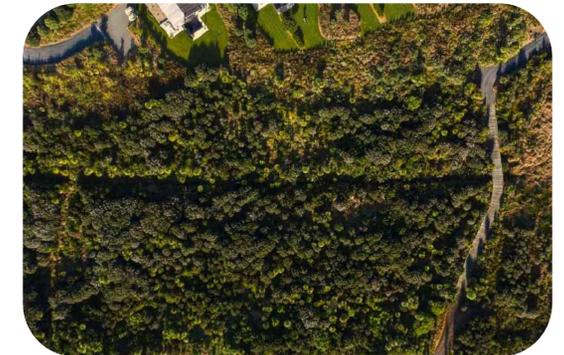
NATURE



RURAL



COMMUNITY





| Code | Botanical Name | Common Name | Grade | Height 5 years | Mature Height | Mature Width |
|------|------------------------------|-------------|-------|----------------|---------------|--------------|
| AE | <i>Alectryon excelsus</i> | tītōki | 160L | 4.0m | 6.0m | 4.0m |
| BR | <i>Beilschmiedia tararīe</i> | tairere | 45L | 4.0m | 10m | 6.0m |
| BT | <i>Beilschmiedia tawa</i> | tawa | 45L | 4.0m | 10m | 6.0m |
| DS | <i>Dysoxylum spectabile</i> | kohekohe | 45L | 4.0m | 10m | 4.0m |
| MR | <i>Meliccytus ramiflorus</i> | māhoe | 45L | 3.0m | 10m | 4.0m |
| NL | <i>Nestegis lanceolata</i> | white maire | 45L | 3.5m | 20m | 4.0m |
| TO | <i>Podocarpus totara</i> | tōtara | 45L | 2.0m | 15m | 6.0m |
| VL | <i>Vitex lucens</i> | pūriri | 45L | 4.0m | 20m | 6.0m |

Notes: All specimens to be eco sourced from local nurseries and meet AS2303:2018 tree stock for landscape use

NOTE: ROOT BARRIER TO BE PROVIDED WHERE THERE ARE POTENTIAL CLASHES WITH CIVIL INFRASTRUCTURE



Alectryon excelsus



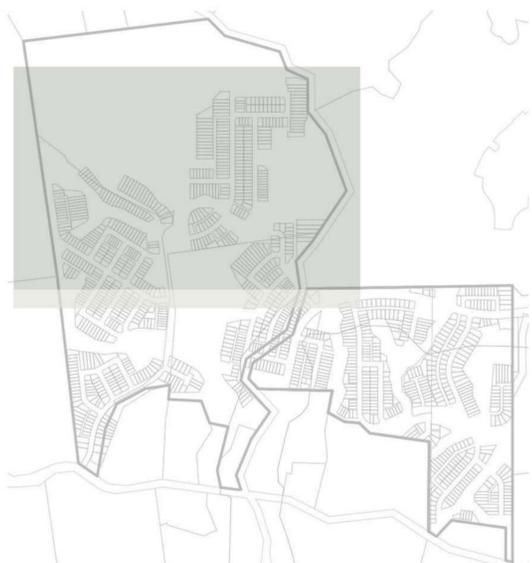
Beilschmiedia tararīe



Nestegis lanceolata



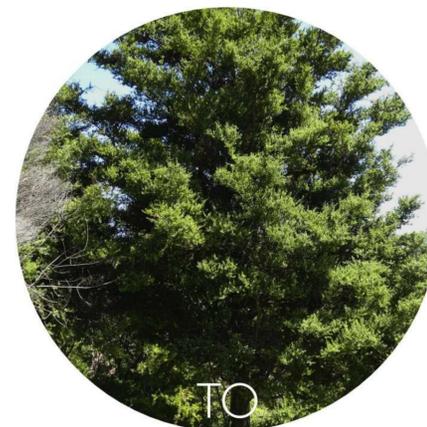
Beilschmiedia tawa



- AE - tītōki
- BR - tairere
- BT - tawa
- DS - kohekohe
- MR - māhoe
- NL - white maire
- TO - tōtara
- VL - pūriri



Vitex lucens



Podocarpus totara



Dysoxylum spectabile



Meliccytus ramiflorus





| Code | Botanical Name | Common Name | Grade | Height 5 years | Mature Height | Mature Width |
|------|------------------------------|-------------|-------|----------------|---------------|--------------|
| AE | <i>Alectryon excelsus</i> | tītōki | 160L | 4.0m | 6.0m | 4.0m |
| BR | <i>Beilschmiedia tararie</i> | tairere | 45L | 4.0m | 10m | 6.0m |
| BT | <i>Beilschmiedia tawa</i> | tawa | 45L | 4.0m | 10m | 6.0m |
| DS | <i>Dysoxylum spectabile</i> | kohekohe | 45L | 4.0m | 10m | 4.0m |
| MR | <i>Meliccytus ramiflorus</i> | māhoe | 45L | 3.0m | 10m | 4.0m |
| NL | <i>Nestegis lanceolata</i> | white maire | 45L | 3.5m | 20m | 4.0m |
| TO | <i>Podocarpus totara</i> | tōtara | 45L | 2.0m | 15m | 6.0m |
| VL | <i>Vitex lucens</i> | pūriri | 45L | 4.0m | 20m | 6.0m |

Notes: All specimens to be eco sourced from local nurseries and meet AS2303:2018 tree stock for landscape use

NOTE: ROOT BARRIER TO BE PROVIDED WHERE THERE ARE POTENTIAL CLASHES WITH CIVIL INFRASTRUCTURE



AE
Alectryon excelsus



BR
Beilschmiedia tararie



NL
Nestegis lanceolata



BT
Beilschmiedia tawa



VL
Vitex lucens



DS
Dysoxylum spectabile



MR
Meliccytus ramiflorus



- AE - tītōki
- BR - tairere
- BT - tawa
- DS - kohekohe
- MR - māhoe
- NL - white maire
- TO - tōtara
- VL - pūriri

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/05 Street Tree Plan 2 (Stage 1 & 2)



Scale
1:2000@A1
1:4000@A3

Issue Date
19/12/2025
Issue
RC REV A

Drawn
TX/MP
Checked
MB





| Code | Botanical Name | Common Name | Grade | Height 5 years | Mature Height | Mature Width |
|------|------------------------------|-------------|-------|----------------|---------------|--------------|
| AE | <i>Alectryon excelsus</i> | tītōki | 160L | 4.0m | 6.0m | 4.0m |
| BR | <i>Beilschmiedia tararic</i> | tairere | 45L | 4.0m | 10m | 6.0m |
| BT | <i>Beilschmiedia tawa</i> | tawa | 45L | 4.0m | 10m | 6.0m |
| DS | <i>Dysoxylum spectabile</i> | kohekohe | 45L | 4.0m | 10m | 4.0m |
| MR | <i>Meliccytus ramiflorus</i> | māhoe | 45L | 3.0m | 10m | 4.0m |
| NL | <i>Nestegis lanceolata</i> | white maire | 45L | 3.5m | 20m | 4.0m |
| TO | <i>Podocarpus totara</i> | tōtara | 45L | 2.0m | 15m | 6.0m |
| VL | <i>Vitex lucens</i> | pūriri | 45L | 4.0m | 20m | 6.0m |

Notes: All specimens to be eco sourced from local nurseries and meet AS2303:2018 tree stock for landscape use

NOTE: ROOT BARRIER TO BE PROVIDED WHERE THERE ARE POTENTIAL CLASHES WITH CIVIL INFRASTRUCTURE



Alectryon excelsus



Nestegis lanceolata



Beilschmiedia tawa



Dysoxylum spectabile

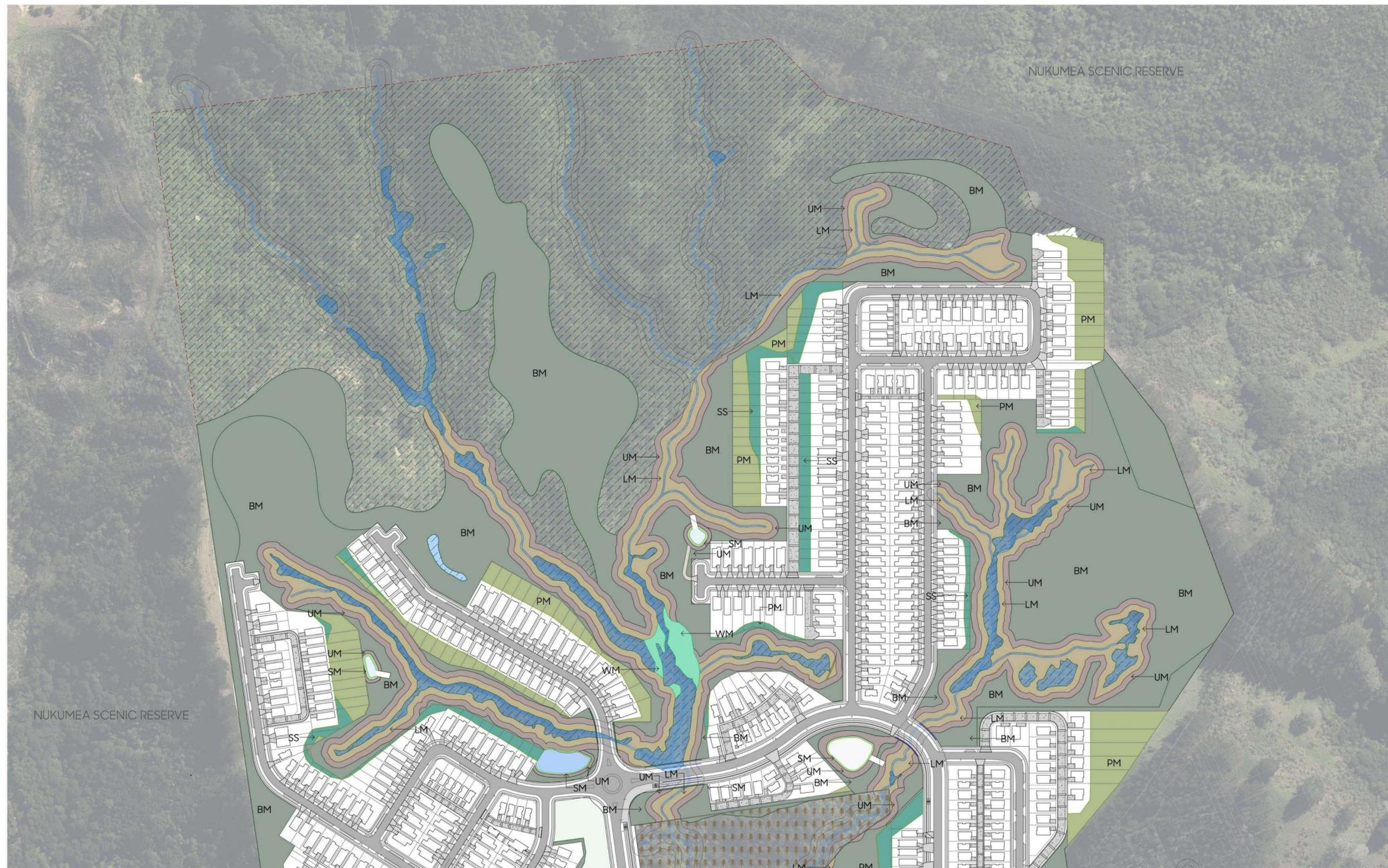


Meliccytus ramiflorus



- AE - tītōki
- BR - tairere
- BT - tawa
- DS - kohekohe
- MR - māhoe
- NL - white maire
- TO - tōtara
- VL - pūriri





- Significant ecological area within site
- Existing watercourse/streams
- Existing wetlands
- Ecological consent notice areas
- New wetlands (offset planting)
- New consent notice area (offset planting)
- Existing consent notice area (offset planting)
- Additional offset area (offset planting)

- Native bush revegetation - Stage 1 Area: 30,167m² / Stage 2 Area: 147,048m²
- Upper riparian revegetation - Stage 1 Area: 14,968m² / Stage 2 Area: 35,732m²
- Lower riparian revegetation - Stage 1 Area: 14,504m² / Stage 2 Area: 39,881m²
- Revegetation within private lots - Stage 1 Area: 14,079m² / Stage 2 Area: 21,957m²
- Slope stabilisation planting mix - Stage 1 Area: 5,495m² / Stage 2 Area: 15,608m²
- Stormwater pond edge revegetation - Stage 1 Area: 779m² / Stage 2 Area: 733m²
- Wetland revegetation - Stage 1 Area: 2,443m² / Stage 2 Area: 2,065m²
- Stormwater ponds
- Open recreation space
- Access paths

| Code | Botanical Name | Common Name | Grade | Spacing |
|--------------------------------------------------|---------------------------------------|--------------------------|-------|---------|
| BM Native bush revegetation planting mix* | | | | |
| 1% | <i>Alectryon excelsus</i> | titoki | 2L | 1500mm |
| 5% | <i>Alsophila tricolor</i> | silver fern | 1L | 1500mm |
| 2% | <i>Astelia solandri</i> | kōwharawhara | 1L | 1500mm |
| 2% | <i>Beilschmiedia tarairi</i> | tarairi | 2L | 1500mm |
| 1% | <i>Beilschmiedia tawa</i> | tawa | 2L | 1500mm |
| 5% | <i>Carex banksiana</i> | fine-leaved carex | 1L | 1500mm |
| 2% | <i>Carex dissita</i> | forest sedge | 1L | 1500mm |
| 5% | <i>Caprosma robusta</i> | karamū | 1L | 1500mm |
| 10% | <i>Cardylina australis</i> | ti kouka | 1L | 1500mm |
| 2% | <i>Caryocarpus laevigatus</i> | karaka | 2L | 1500mm |
| 2% | <i>Dacrycarpus dacrydioides</i> | kahikatea | 2L | 1500mm |
| 2% | <i>Dacrydium cupressinum</i> | rimu | 2L | 1500mm |
| 1% | <i>Dysoxylum spectabile</i> | kohekohe | 2L | 1500mm |
| 5% | <i>Griselinia lucida</i> | akapuka | 1L | 1500mm |
| 1% | <i>Knightia excelsa</i> | rewarewa | 2L | 1500mm |
| 5% | <i>Kunzea robusta</i> | kanuka | 1L | 1500mm |
| 5% | <i>Laurelia novae-zelandiae</i> | pukatea | 1L | 1500mm |
| 10% | <i>Leptospermum scoparium</i> | manuka | 1L | 1500mm |
| 5% | <i>Meliccytus macrophyllus</i> | large-leaved māhoe | 1L | 1500mm |
| 2% | <i>Microbaena avenacea</i> | bush rice grass | 1L | 1500mm |
| 5% | <i>Myrsine australis</i> | red māpou | 1L | 1500mm |
| 1% | <i>Nestegis lanceolata</i> | white maire | 2L | 1500mm |
| 2% | <i>Olearia rani</i> | heketara | 1L | 1500mm |
| 1% | <i>Pectinopitys ferruginea</i> | miro | 2L | 1500mm |
| 1% | <i>Phyllocladus trichomanoides</i> | tānekaha | 2L | 1500mm |
| 2% | <i>Pimelea longifolia</i> | long-leaved pimelea | 1L | 1500mm |
| 5% | <i>Pittosporum tenuifolium</i> | kohukohu | 1L | 1500mm |
| 1% | <i>Podocarpus totara</i> | tōtara | 2L | 1500mm |
| 1% | <i>Prumnopitys taxifolia</i> | matai | 2L | 1500mm |
| 5% | <i>Rhopalostylis sapida</i> | nikau | 2L | 1500mm |
| 3% | <i>Vitex lucens</i> | pūriri | 2L | 1500mm |
| UM Upper riparian planting mix* | | | | |
| 5% | <i>Alsophila tricolor</i> | silver fern | 2L | 1000mm |
| 5% | <i>Asplenium oblongifolium</i> | huruhuruwhenua | 1L | 1000mm |
| 5% | <i>Austroderia fulvida</i> | toetoe | 1L | 1000mm |
| 5% | <i>Carex banksiana</i> | fine-leaved carex | 1L | 1000mm |
| 5% | <i>Carex lambertiana</i> | forest sedge | 1L | 1000mm |
| 5% | <i>Carex virgata</i> | swamp sedge | 1L | 1000mm |
| 10% | <i>Cardylina australis</i> | ti kouka | 2L | 1000mm |
| 5% | <i>Dicksonia squarrosa</i> | wheki | 2L | 1000mm |
| 5% | <i>Juncus edgariae</i> | wiwi | 1L | 1000mm |
| 5% | <i>Kunzea ericoides</i> | kanuka | 1L | 1000mm |
| 1% | <i>Laurelia novae-zelandiae</i> | pukatea | 2L | 1000mm |
| 10% | <i>Leptospermum scoparium</i> | mānuka | 1L | 1000mm |
| 5% | <i>Leucopogon fasciculatus</i> | mingimingi | 1L | 1000mm |
| 5% | <i>Macropiper excelsum</i> | kawakawa | 1L | 1000mm |
| 1% | <i>Nestegis lanceolata</i> | white maire | 2L | 1000mm |
| 5% | <i>Paku pennigera</i> | gully fern | 1L | 1000mm |
| 8% | <i>Parablechnum novae-zelandiae</i> | kikio | 1L | 1000mm |
| 10% | <i>Rhopalostylis sapida</i> | nikau | 2L | 1000mm |
| LM Lower riparian planting mix* | | | | |
| 30% | <i>Carex geminata</i> | rautahi | 1L | 1000mm |
| 25% | <i>Carex virgata</i> | swamp sedge | 1L | 1000mm |
| 30% | <i>Juncus edgariae</i> | wiwi | 1L | 1000mm |
| 10% | <i>Cardylina australis</i> | ti kouka | 2L | 1000mm |
| 5% | <i>Laurelia novae-zelandiae</i> | pukatea | 2L | 1000mm |
| PM Lot revegetation planting mix* | | | | |
| 20% | <i>Macropiper excelsum</i> | kawakawa | 1L | 1000mm |
| 50% | <i>Phormium tenax</i> | harakeke | 1L | 1000mm |
| 5% | <i>Cardylina australis</i> | ti kouka | 2L | 1000mm |
| 5% | <i>Rhopalostylis sapida</i> | nikau | 2L | 1000mm |
| 20% | <i>Caprosma robusta</i> | karamū | 1L | 1000mm |
| SS Slope stabilisation planting mix* | | | | |
| 5% | <i>Cardylina australis</i> | cabbage tree | 1L | 1500mm |
| 10% | <i>Melicope ternata</i> | wharangi | 1L | 1200mm |
| 10% | <i>Caprosma robusta</i> | karamū | 1L | 1200mm |
| 10% | <i>Apodasmia similis</i> | oihi | 1L | 800mm |
| 15% | <i>Carex flagellifera</i> | Carex flagellifera green | 1L | 500mm |
| 25% | <i>Phormium Emerald Green</i> | dwarf flax | 1L | 700mm |
| 10% | <i>Muehlenbeckia axillaris</i> | pohuehue | 1L | 1000mm |
| 15% | <i>Caprosma acerosa</i> | hawera | 1L | 1000mm |
| SM Stormwater pond edge planting mix* | | | | |
| 25% | <i>Apodasmia similis</i> | oihi | 1L | 1000mm |
| 25% | <i>Carex secta</i> | pūrei | 1L | 1000mm |
| 25% | <i>Juncus edgariae</i> | wiwi | 1L | 1000mm |
| 25% | <i>Typha orientalis</i> | raupō | 1L | 1000mm |
| WM Wetland planting mix* | | | | |
| 15% | <i>Machaerina articulata</i> | jointed twig rush | 1L | 1000mm |
| 15% | <i>Carex secta</i> | pūrei | 1L | 1000mm |
| 15% | <i>Schoenoplectus tabernaemontani</i> | kuawa | 1L | 1000mm |
| 10% | <i>Eleocharis sphacelata</i> | kuta | 1L | 1000mm |
| 15% | <i>Cyperus ustulatus</i> | giant umbrella sedge | 1L | 1000mm |
| 10% | <i>Carex geminata</i> | rautahi | 1L | 1000mm |
| 10% | <i>Carex virgata</i> | swamp sedge | 1L | 1000mm |
| 10% | <i>Eleocharis acuta</i> | sharp spike sedge | 1L | 1000mm |

Notes: *Except tree species, planting mixes to be planted in species groups of 3 min. for small garden (<9m²) and 5 min. for larger gardens (>9m²)

- All plant species to be eco sourced from local nurseries
- Plant selection is based on achieving target ecosystem type WF11
- Revegetation planting mix to be planted in two stages. The first stage with colonising species and the second stage with enrichment species, with timings TBD at EPA stage
- Lower riparian planting mix to be planted within the first 5m from the stream
- All existing native bush to remain

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/07 Revegetation Plan 1 (Stage 2)



Scale
@A1
1:4000@A3

Issue Date
19/12/2025
Issue
RC REV A

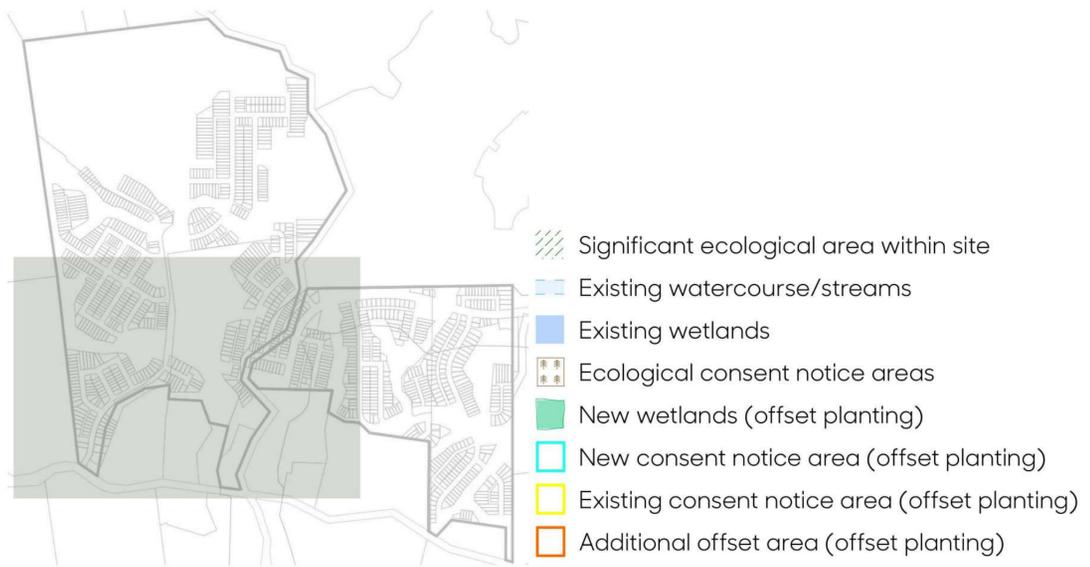
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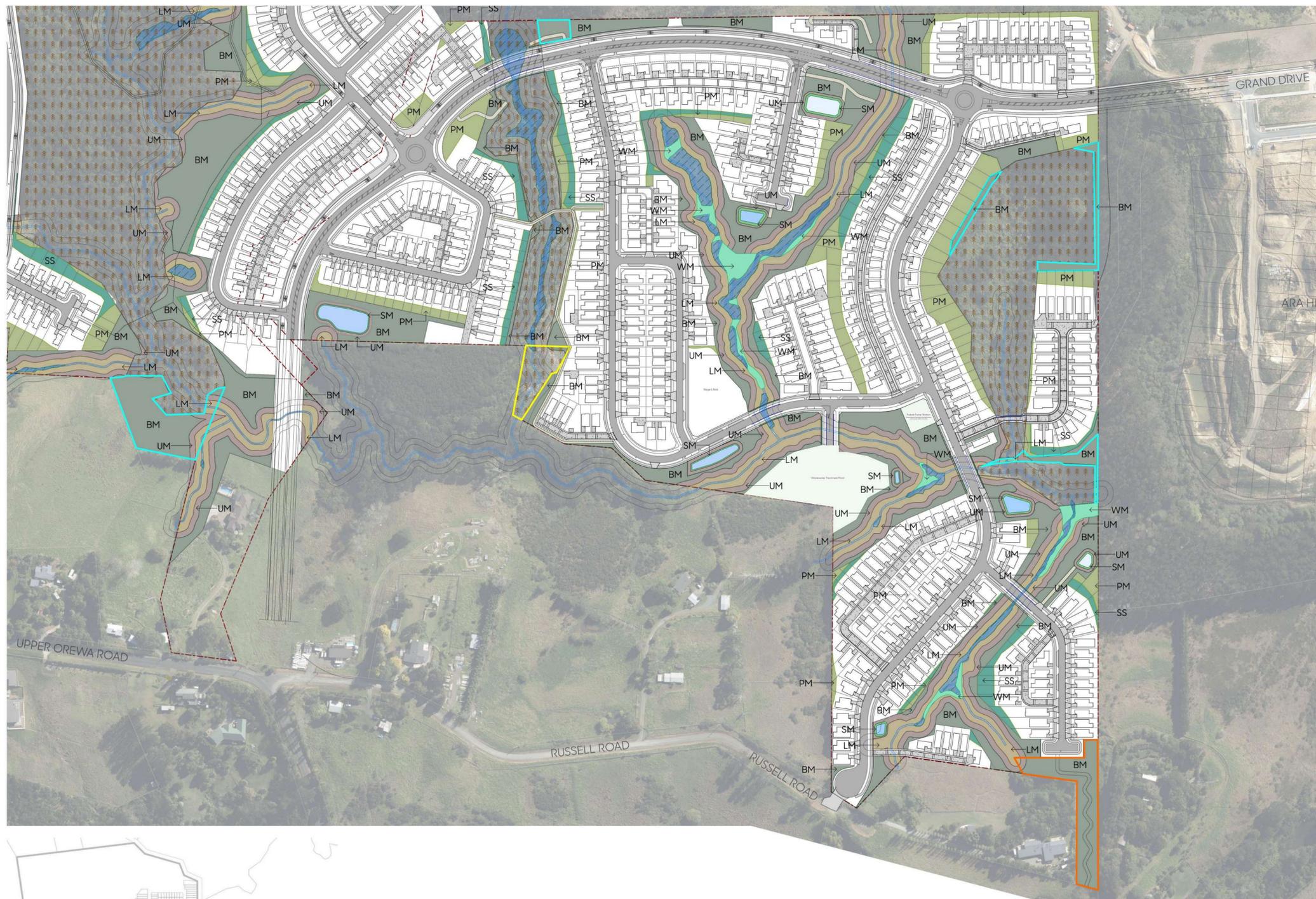


| Code | Botanical Name | Common Name | Grade | Spacing |
|--------------------------------------------------|---------------------------------------|--------------------------|-------|---------|
| BM Native bush revegetation planting mix* | | | | |
| 1% | <i>Alectryon excelsus</i> | titoki | 2L | 1500mm |
| 5% | <i>Alsophila tricolor</i> | silver fern | 1L | 1500mm |
| 2% | <i>Astelia solandri</i> | kōwharawhara | 1L | 1500mm |
| 2% | <i>Beilschmiedia tarairi</i> | taraira | 2L | 1500mm |
| 1% | <i>Beilschmiedia tawa</i> | tawa | 2L | 1500mm |
| 5% | <i>Carex banksiana</i> | fine-leaved carex | 1L | 1500mm |
| 2% | <i>Carex dissita</i> | forest sedge | 1L | 1500mm |
| 5% | <i>Caprosma robusta</i> | karamū | 1L | 1500mm |
| 10% | <i>Cardyline australis</i> | ti kouka | 1L | 1500mm |
| 2% | <i>Caryocarpus laevigatus</i> | karaka | 2L | 1500mm |
| 2% | <i>Dacrydium dacrydioides</i> | kahikatea | 2L | 1500mm |
| 2% | <i>Dacrydium cupressinum</i> | rimu | 2L | 1500mm |
| 1% | <i>Dysoxylum spectabile</i> | kohekohe | 2L | 1500mm |
| 5% | <i>Griselinia lucida</i> | okapuka | 1L | 1500mm |
| 1% | <i>Knightsia excelsa</i> | rewarewa | 2L | 1500mm |
| 5% | <i>Kunzea robusta</i> | kanuka | 1L | 1500mm |
| 5% | <i>Laurelia novae-zelandiae</i> | pukatea | 1L | 1500mm |
| 10% | <i>Leptospermum scoparium</i> | mānuka | 1L | 1500mm |
| 5% | <i>Meliccytus macrophyllus</i> | large-leaved māhoe | 1L | 1500mm |
| 2% | <i>Microbaena avenacea</i> | bush rice grass | 1L | 1500mm |
| 5% | <i>Myrsine australis</i> | red māpou | 1L | 1500mm |
| 1% | <i>Nestegis lanceolata</i> | white maire | 1L | 1500mm |
| 2% | <i>Olearia rani</i> | heketa | 1L | 1500mm |
| 1% | <i>Pectinopitys ferruginea</i> | mīro | 2L | 1500mm |
| 1% | <i>Phyllocladus trichomanoides</i> | tānekaha | 2L | 1500mm |
| 2% | <i>Pimelea longifolia</i> | long-leaved pimelea | 1L | 1500mm |
| 5% | <i>Pittosporum tenuifolium</i> | kohukohu | 1L | 1500mm |
| 1% | <i>Podocarpus totara</i> | tōtara | 2L | 1500mm |
| 1% | <i>Prumnopitys taxifolia</i> | matai | 2L | 1500mm |
| 5% | <i>Rhopalostylis sapida</i> | nikau | 2L | 1500mm |
| 3% | <i>Vitex lucens</i> | pūriri | 2L | 1500mm |
| UM Upper riparian planting mix* | | | | |
| 5% | <i>Alsophila tricolor</i> | silver fern | 2L | 1000mm |
| 5% | <i>Asplenium oblongifolium</i> | huruwhenua | 1L | 1000mm |
| 5% | <i>Austroderia fulvida</i> | toetoe | 1L | 1000mm |
| 5% | <i>Carex banksiana</i> | fine-leaved carex | 1L | 1000mm |
| 5% | <i>Carex lambertiana</i> | forest sedge | 1L | 1000mm |
| 5% | <i>Carex virgata</i> | swamp sedge | 1L | 1000mm |
| 10% | <i>Cardyline australis</i> | ti kouka | 2L | 1000mm |
| 5% | <i>Dicksonia squarrosa</i> | whēki | 2L | 1000mm |
| 5% | <i>Juncus edgariae</i> | wīwi | 1L | 1000mm |
| 5% | <i>Kunzea ericoides</i> | kanuka | 1L | 1000mm |
| 1% | <i>Laurelia novae-zelandiae</i> | pukatea | 2L | 1000mm |
| 10% | <i>Leptospermum scoparium</i> | mānuka | 1L | 1000mm |
| 5% | <i>Leucopogon fasciculatus</i> | mingimīngi | 1L | 1000mm |
| 5% | <i>Macropiper excelsum</i> | kawakawa | 1L | 1000mm |
| 1% | <i>Nestegis lanceolata</i> | white maire | 2L | 1000mm |
| 5% | <i>Paku penigera</i> | gully fern | 1L | 1000mm |
| 8% | <i>Parablechnum novae-zelandiae</i> | kiōkiō | 1L | 1000mm |
| 10% | <i>Rhopalostylis sapida</i> | nikau | 2L | 1000mm |
| LM Lower riparian planting mix* | | | | |
| 30% | <i>Carex geminata</i> | rautahi | 1L | 1000mm |
| 25% | <i>Carex virgata</i> | swamp sedge | 1L | 1000mm |
| 30% | <i>Juncus edgariae</i> | wīwi | 1L | 1000mm |
| 10% | <i>Cardyline australis</i> | ti kouka | 2L | 1000mm |
| 5% | <i>Laurelia novae-zelandiae</i> | pukatea | 2L | 1000mm |
| PM Lot revegetation planting mix* | | | | |
| 20% | <i>Macropiper excelsum</i> | kawakawa | 1L | 1000mm |
| 50% | <i>Pharmitum tenax</i> | harakeke | 1L | 1000mm |
| 5% | <i>Cardyline australis</i> | ti kouka | 2L | 1000mm |
| 5% | <i>Rhopalostylis sapida</i> | nikau | 2L | 1000mm |
| 20% | <i>Caprosma robusta</i> | karamū | 1L | 1000mm |
| SS Slope stabilisation planting mix* | | | | |
| 5% | <i>Cardyline australis</i> | cabbage tree | 12 | 1500mm |
| 10% | <i>Melicope ternata</i> | wharangi | 1L | 1200mm |
| 10% | <i>Caprosma robusta</i> | karamū | 1L | 1200mm |
| 10% | <i>Apodasmia similis</i> | olai | 1L | 800mm |
| 15% | <i>Carex flagellifera</i> | Carex flagellifera green | 1L | 500mm |
| 25% | <i>Pharmitum Emerald Green</i> | dwarf flax | 1L | 700mm |
| 10% | <i>Muehlenbeckia axillaris</i> | pohuehue | 1L | 1000mm |
| 15% | <i>Caprosma acerosa</i> | hawera | 1L | 1000mm |
| SM Stormwater pond edge planting mix* | | | | |
| 25% | <i>Apodasmia similis</i> | olai | 1L | 1000mm |
| 25% | <i>Carex secta</i> | pūrei | 1L | 1000mm |
| 25% | <i>Juncus edgariae</i> | wīwi | 1L | 1000mm |
| 25% | <i>Typha orientalis</i> | raupō | 1L | 1000mm |
| WM Wetland planting mix* | | | | |
| 15% | <i>Machaerina articulata</i> | jointed twig rush | 1L | 1000mm |
| 15% | <i>Carex secta</i> | pūrei | 1L | 1000mm |
| 15% | <i>Schoenoplectus tabernaemontani</i> | kuawa | 1L | 1000mm |
| 10% | <i>Eleocharis sphacelata</i> | kuta | 1L | 1000mm |
| 15% | <i>Cyperus ustulatus</i> | giant umbrella sedge | 1L | 1000mm |
| 10% | <i>Carex geminata</i> | rautahi | 1L | 1000mm |
| 10% | <i>Carex virgata</i> | swamp sedge | 1L | 1000mm |
| 10% | <i>Eleocharis acuta</i> | sharp spike sedge | 1L | 1000mm |

Notes: *Except tree species, planting mixes to be planted in species groups of 3 min. for small garden (<9m²) and 5 min. for larger gardens (>9m²)
 - All plant species to be eco sourced from local nurseries
 - Plant selection is based on achieving target ecosystem type WF11
 - Revegetation planting mix to be planted in two stages. The first stage with colonising species and the second stage with enrichment species, with timings TBD at EPA stage
 - Lower riparian planting mix to be planted within the first 5 m from the stream
 - All existing native bush to remain



- Native bush revegetation - Stage 1 Area: 30,167m² / Stage 2 Area: 147,048m²
- Upper riparian revegetation - Stage 1 Area: 14,968m² / Stage 2 Area: 35,732m²
- Lower riparian revegetation - Stage 1 Area: 14,504m² / Stage 2 Area: 39,881m²
- Revegetation within private lots - Stage 1 Area: 14,079m² / Stage 2 Area: 21,957m²
- Slope stabilisation planting mix - Stage 1 Area: 5,495m² / Stage 2 Area: 15,608m²
- Stormwater pond edge revegetation - Stage 1 Area: 779m² / Stage 2 Area: 733m²
- Wetland revegetation - Stage 1 Area: 2,443m² / Stage 2 Area: 2,065m²
- Stormwater ponds
- Open recreation space
- Access paths



- Significant ecological area within site
- Existing watercourse/streams
- Existing wetlands
- Ecological consent notice areas
- New wetlands (offset planting)
- New consent notice area (offset planting)
- Existing consent notice area (offset planting)
- Additional offset area (offset planting)

- Native bush revegetation - Stage 1 Area: 30,167m² / Stage 2 Area: 147,048m²
- Upper riparian revegetation - Stage 1 Area: 14,968m² / Stage 2 Area: 35,732m²
- Lower riparian revegetation - Stage 1 Area: 14,504m² / Stage 2 Area: 39,881m²
- Revegetation within private lots - Stage 1 Area: 14,079m² / Stage 2 Area: 21,957m²
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- Wetland revegetation - Stage 1 Area: 2,443m² / Stage 2 Area: 2,065m²
- Stormwater ponds
- Open recreation space
- Access paths

| Code | Botanical Name | Common Name | Grade | Spacing |
|--------------------------------------------------|---------------------------------------|--------------------------|-------|---------|
| BM Native bush revegetation planting mix* | | | | |
| 1% | <i>Alectryon excelsus</i> | titoki | 2L | 1500mm |
| 5% | <i>Alsophila tricolor</i> | silver fern | 1L | 1500mm |
| 2% | <i>Astelia solandri</i> | kōwharawhara | 1L | 1500mm |
| 2% | <i>Beilschmiedia tarairi</i> | tarairi | 2L | 1500mm |
| 1% | <i>Beilschmiedia tawa</i> | tawa | 2L | 1500mm |
| 5% | <i>Carex banksiana</i> | fine-leaved carex | 1L | 1500mm |
| 2% | <i>Carex dissita</i> | forest sedge | 1L | 1500mm |
| 5% | <i>Coprosma robusta</i> | karamū | 1L | 1500mm |
| 10% | <i>Cardyline australis</i> | tī kouka | 1L | 1500mm |
| 2% | <i>Caryocarpus laevigatus</i> | karaka | 2L | 1500mm |
| 2% | <i>Dacrycarpus dacrydioides</i> | kahikatea | 2L | 1500mm |
| 2% | <i>Dacrydium cupressinum</i> | rimu | 2L | 1500mm |
| 1% | <i>Dysoxylum spectabile</i> | kohekohe | 2L | 1500mm |
| 5% | <i>Griselinia lucida</i> | okapuka | 1L | 1500mm |
| 1% | <i>Knightia excelsa</i> | rewarewa | 1L | 1500mm |
| 5% | <i>Kunzea robusta</i> | kanuka | 1L | 1500mm |
| 5% | <i>Laurelia novae-zelandiae</i> | pukatea | 1L | 1500mm |
| 10% | <i>Leptospermum scoparium</i> | mānuka | 1L | 1500mm |
| 5% | <i>Meliccytus macrophyllus</i> | large-leaved māhoe | 1L | 1500mm |
| 2% | <i>Microbaena avenacea</i> | bush rice grass | 1L | 1500mm |
| 5% | <i>Myrsine australis</i> | red māpou | 1L | 1500mm |
| 1% | <i>Nestegis lanceolata</i> | white maire | 2L | 1500mm |
| 2% | <i>Olearia rani</i> | heketara | 1L | 1500mm |
| 1% | <i>Pectinophyes ferruginea</i> | mirō | 2L | 1500mm |
| 1% | <i>Phyllocladus trichomanoides</i> | tānekaha | 2L | 1500mm |
| 2% | <i>Pimelea longifolia</i> | long-leaved pimelea | 1L | 1500mm |
| 5% | <i>Pittosporum tenuifolium</i> | kohukohu | 1L | 1500mm |
| 1% | <i>Podocarpus totara</i> | tōtara | 2L | 1500mm |
| 1% | <i>Prumnopitys taxifolia</i> | matai | 2L | 1500mm |
| 5% | <i>Rhopalostylis sapida</i> | nikau | 2L | 1500mm |
| 3% | <i>Vitex lucens</i> | pūriri | 2L | 1500mm |
| UM Upper riparian planting mix* | | | | |
| 5% | <i>Alsophila tricolor</i> | silver fern | 2L | 1000mm |
| 5% | <i>Asplenium oblongifolium</i> | huruwhenua | 1L | 1000mm |
| 5% | <i>Austroderia fulvida</i> | toetoe | 1L | 1000mm |
| 5% | <i>Carex banksiana</i> | fine-leaved carex | 1L | 1000mm |
| 5% | <i>Carex lambertiana</i> | forest sedge | 1L | 1000mm |
| 5% | <i>Carex virgata</i> | swamp sedge | 1L | 1000mm |
| 10% | <i>Cardyline australis</i> | tī kouka | 2L | 1000mm |
| 5% | <i>Dicksonia squarrosa</i> | wheki | 2L | 1000mm |
| 5% | <i>Juncus edgariae</i> | wīwi | 1L | 1000mm |
| 5% | <i>Kunzea ericoides</i> | kanuka | 1L | 1000mm |
| 1% | <i>Laurelia novae-zelandiae</i> | pukatea | 2L | 1000mm |
| 10% | <i>Leptospermum scoparium</i> | mānuka | 1L | 1000mm |
| 5% | <i>Leucopogon fasciculatus</i> | mingimingi | 1L | 1000mm |
| 5% | <i>Macropiper excelsum</i> | kawakawa | 1L | 1000mm |
| 1% | <i>Nestegis lanceolata</i> | white maire | 2L | 1000mm |
| 5% | <i>Paku penigera</i> | gully fern | 1L | 1000mm |
| 8% | <i>Parablechnum novae-zelandiae</i> | kikio | 1L | 1000mm |
| 10% | <i>Rhopalostylis sapida</i> | nikau | 2L | 1000mm |
| LM Lower riparian planting mix* | | | | |
| 30% | <i>Carex geminata</i> | rautahi | 1L | 1000mm |
| 25% | <i>Carex virgata</i> | swamp sedge | 1L | 1000mm |
| 30% | <i>Juncus edgariae</i> | wīwi | 1L | 1000mm |
| 10% | <i>Cardyline australis</i> | tī kouka | 2L | 1000mm |
| 5% | <i>Laurelia novae-zelandiae</i> | pukatea | 2L | 1000mm |
| PM Lot revegetation planting mix* | | | | |
| 20% | <i>Macropiper excelsum</i> | kawakawa | 1L | 1000mm |
| 50% | <i>Phormium tenax</i> | harakeke | 1L | 1000mm |
| 5% | <i>Cardyline australis</i> | tī kouka | 2L | 1000mm |
| 5% | <i>Rhopalostylis sapida</i> | nikau | 2L | 1000mm |
| 20% | <i>Coprosma robusta</i> | karamū | 1L | 1000mm |
| SS Slope stabilisation planting mix* | | | | |
| 5% | <i>Cardyline australis</i> | cabbage tree | 12 | 1500mm |
| 10% | <i>Melicope ternata</i> | wharangi | 1L | 1200mm |
| 10% | <i>Coprosma robusta</i> | karamū | 1L | 1200mm |
| 10% | <i>Apodasmia similis</i> | olai | 1L | 800mm |
| 15% | <i>Carex flagellifera</i> | Carex flagellifera green | 1L | 500mm |
| 25% | <i>Phormium Emerald Green</i> | dwarf flax | 1L | 700mm |
| 10% | <i>Muehlenbeckia axillaris</i> | pohuehue | 1L | 1000mm |
| 15% | <i>Coprosma acerosa</i> | hawera | 1L | 1000mm |
| SM Stormwater pond edge planting mix* | | | | |
| 25% | <i>Apodasmia similis</i> | olai | 1L | 1000mm |
| 25% | <i>Carex secta</i> | pūrei | 1L | 1000mm |
| 25% | <i>Juncus edgariae</i> | wīwi | 1L | 1000mm |
| 25% | <i>Typha orientalis</i> | raupō | 1L | 1000mm |
| WM Wetland planting mix* | | | | |
| 15% | <i>Machaerina articulata</i> | jointed twig rush | 1L | 1000mm |
| 15% | <i>Carex secta</i> | pūrei | 1L | 1000mm |
| 15% | <i>Schoenoplectus tabernaemontani</i> | kuawa | 1L | 1000mm |
| 10% | <i>Eleocharis sphacelata</i> | kuta | 1L | 1000mm |
| 15% | <i>Cyperus ustulatus</i> | giant umbrella sedge | 1L | 1000mm |
| 10% | <i>Carex geminata</i> | rautahi | 1L | 1000mm |
| 10% | <i>Carex virgata</i> | swamp sedge | 1L | 1000mm |
| 10% | <i>Eleocharis acuta</i> | sharp spike sedge | 1L | 1000mm |

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- Lower riparian planting mix to be planted within the first 5 m from the stream
- All existing native bush to remain

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Orewa Road (Stage 2), Wainui, Auckland

Drawing
2535/09 Revegetation Plan 3 (Stage 1)



Scale
1:2000@A1
1:4000@A3

Issue Date
19/12/2025
Issue
RC REV A

Drawn
TX/MP
Checked
MB



LOWER RIPARIAN PLANTING MIX



Carex geminata



Carex virgata



Juncus edgariae



Cordyline australis



Laurelia novae-zelandiae

UPPER RIPARIAN PLANTING MIX



Alsophila tricolor



Asplenium oblongifolium



Austroderia fulvida



Carex banksiana



Carex lambertiana



Carex virgata



Cordyline australis



Dicksonia squarrosa



Juncus edgariae



Kunzea ericoides



Laurelia novae-zelandiae



Leptospermum scoparium



Leucopogon fasciculatus



Macropiper excelsum



Nestegis lanceolata



Pakau pennigera



Parablechnum novae-zelandiae



Rhopalostylis sapida

STORMWATER POND EDGE PLANTING MIX



Apodasmia similis



Carex secta



Juncus edgariae



Typha orientalis

NATIVE BUSH REVEGETATION PLANTING MIX



BM
Alsophila tricolor



BM
Microlaena avenacea



BM
Astelia solandri



BM
Carex banksiana



BM
Carex dissita



BM
Cordyline australis



BM
Pimelea longifolia



BM
Alectryon excelsus



BM
Beilschmiedia taraira



BM
Beilschmiedia tawa



BM
Knightia excelsa



BM
Nestegis lanceolata



BM
Podocarpus totara



BM
Vitex lucens



BM
Dacrycarpus dacrydioides



BM
Dacrydium cupressinum



BM
Phyllocladus trichomanoides



BM
Rhopalostylis sapida



BM
Coprosma robusta



BM
Griselinia lucida



BM
Laurelia nouae-zelandiae



BM
Melicytus macrophyllus



BM
Myrsine australis



BM
Olearia rani



BM
Pittosporum tenuifolium



BM
Kunzea ericoides



BM
Leptospermum scoparium



BM
Pectinopitys ferruginea



BM
Prumnopitys taxifolia



BM
Corynocarpus laevigatus



BM
Dysoxylum spectabile

WETLAND PLANTING MIX



WM
Machaerina articulata



WM
Carex secta



WM
Schoenoplectus tabernaemontani



WM
Eleocharis sphacelata



WM
Cyperus ustulatus



WM
Carex geminata



WM
Carex virgata



WM
Eleocharis acuta

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/11 Revegetation Plant Palette 2

Issue Date
19/12/2025
Issue
RC REV A

Drawn
TX/MP
Checked
MB